



CV-A-RMS Out1

CV-A-RMS Out1, Transducer Vac

Code: M25051.

- > Output type: 1
- > Analog output: 0...20mA
- > Measure: 300 Vac
- > Paramètre: V ~

Specifications

AC power supply, insulation

Pulse test (kV)	4 kV (1,2/50µs)
Test voltage (kV)	3 kV RMS 50 Hz 1min

AC power supply

Consumption	2,5 VA
Frequency	40...90 Hz
Nominal voltage	24/115/230/400 Vca (-15...+20%)

DC power supply, insulation

Pulse test (kV)	3 kV (1,2/50µs)
Test voltage (kV)	2 kV RMS 50Hz 1 min

DC power supply

Consumption	2,5 VA
Nominal voltage	9...36 Vdc / 90...140 Vdc

Mechanical characteristics

Size (mm) width x height x depth	40 x 72 x 110 (mm)
Weight (kg)	0,31

Environmental characteristics

Protection class	IP 20 (Terminals) IP 40 (case)
Storage temperature	-40....+70 °C
Working temperature	-10...+55 °C

Voltage measurement circuit

Input impedance	3000 Ω/V
Frequency measuring range	45...65 Hz
Voltage measuring range	0...150 % Vn
Nominal voltage	0...300 Vca
Maximum permanent measurement voltage	1000 V

Standards

Electrical safety, Maximum height (m)	2000
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CV-A-RMS Out1

A.C. Voltage transducer

Code: M25051.

Standards	IEC 529, IEC 688, IEC 801, EN 50081-2, EN 50082-2, IEC 1010
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Analogue inputs

Load impedance in current	< 500 Ω
Ripple (effective RMS value)	< 0,5 %
Load impedance in voltage	> 500 Ω
Response time	< 300 ms (0...99 % Vn)

Analogue outputs

Current mode, nominal range	0...20 mA
Displaced output	0,2...2 V / 2...10 V / 4...20 mA
Voltage mode: nominal output range	0...5, 10 Vac

Measurement accuracy

Phase current measurement	0,2 % FS
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CV-A

CODE	TYPE	Output type	Analog output	Measure	Paramètre
AC Voltage. Accuracy: ± 0,2 % reading, 40...90 Hz					
M25041.	CV-A-AP Out1	1	0...20mA	300 Vac	V ~
M25031.	CV-A Out1	1	0...20mA	300 Vac	V ~
M25032.	CV-A Out2	2	4...20mA	300 Vac	V ~
M25051.	CV-A-RMS Out1	1	0...20mA	300 Vac	V ~
M25052.	CV-A-RMS Out2	2	4...20mA	300 Vac	V ~



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A.C. Voltage transducer

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Dimensions



Connections

